

Title (en)
MODULAR TOOL

Title (de)
MODULARES WERKZEUG

Title (fr)
OUTIL MODULAIRE

Publication
EP 3771442 A1 20210203 (EN)

Application
EP 19305992 A 20190731

Priority
EP 19305992 A 20190731

Abstract (en)
A modular surgical tool (300, 1200), for example for hip, shoulder, knee or bone traumatology is provided comprising a handle (310), and interface part (330) and a tool (350). The interface may serve to provide a selected linear and/or angular offset with regard to the respective axes of the handle and tool. The handle may be releasably coupled to the interface element by a threaded ring (420) on a threaded cylindrical member (411) of the handle. The handle may comprise a slot (413) in which a keyed element (406) of the interface may engage, to be trapped when the ring is turned about the cylindrical member. Meanwhile the interface may be releasably coupled to the tool by means of a keyed element (841) of the tool which may be slid into a slot (820) of the interface distal end, the slot being intersected by a securing pin channel (830) passing through the body of the interface from the other side, such that when the securing pin (850) is inserted, the keyed element of the tool is trapped in the slot.

IPC 8 full level
A61B 17/16 (2006.01); **A61B 17/00** (2006.01)

CPC (source: EP US)
A61B 17/1659 (2013.01 - EP US); **A61B 17/1668** (2013.01 - EP); **A61B 2017/0046** (2013.01 - EP); **A61B 2017/00464** (2013.01 - EP US); **A61B 2560/0443** (2013.01 - US)

Citation (search report)

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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EP 3771442 A1 20210203; CA 3148927 A1 20210204; CN 114269266 A 20220401; US 2022296256 A1 20220922; WO 2021018910 A1 20210204

DOCDB simple family (application)
EP 19305992 A 20190731; CA 3148927 A 20200728; CN 202080054752 A 20200728; EP 2020071303 W 20200728; US 202017603545 A 20200728